



MONO COUNTY HEALTH DEPARTMENT

Environmental Health

P.O. BOX 476, BRIDGEPORT, CA 93517 PHONE (760) 932-5580 • FAX (760) 932-5284

P.O. BOX 3329, MAMMOTH LAKES, CA 93546 PHONE (760) 924-1830 • FAX (760) 924-1831

Scope of Work for Removal of Burned Structures and Associated Debris from the Round Fire

- 1. Remove vehicles for recycling. Collect, stockpile and remove metals, appliances and similar items for recycling.**
- 2. Trees that pose a hazard to the home site or to workers during debris removal activities, or that will pose a hazard during reconstruction activities, shall be removed. Trees may be cut and set aside for firewood or taken off site and recycled per owner's instruction.**
- 3. Hazardous materials encountered, which were missed in the previous DTSC sweep of the property, shall be set aside for later collection.**
- 4. Remove all structural ash and debris from the impacted property.**
- 5. Remove structural foundation and associated concrete. Driveways may stay in place, when appropriate, to aid in erosion control during the rebuilding phase. They can then removed and replaced, as necessary, as one of the last steps to reconstruction.**
- 6. Dust control and erosion protection measures shall be incorporated as follows.**
 - Ash and debris shall be thoroughly wetted prior to removal. Hoses with fine spray nozzles shall be used to apply water to the work site prior to and during active debris removal. The materials shall also be wetted while being loaded into trucks to prevent visible dust from crossing property lines. Care shall be taken to avoid excessive use of water in order to prevent runoff. Any runoff produced shall be contained onsite.
 - Silt fences, fiber rolls, erosion control blankets and other best management practices shall be used to prevent ash or soil from washing into the street, drainage courses and culverts, or onto neighboring properties.
 - Stockpiled materials that are not immediately loaded for transport shall be handled and stored on site in such a manner as to avoid offsite migration. This may include wetting and covering the waste until it is loaded and transported.
- 7. Structural ash and debris shall be transported to and disposed of at an approved landfill.**
 - Ash and debris shall be wetted, wrapped with plastic sheeting, taped closed, and covered with a tarp to eliminate the release of dust during transport.



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- Mixed burned debris and ash shall be transported to an approved, lined, Class III landfill in CA or NV. Property owners or contractors shall make contact with the landfill operator prior to hauling the waste in order assure its acceptance.
- A receipt for waste disposal shall be obtained from the landfill operator and a copy provided to Mono County Environmental Health.

8. Transport and disposal of recyclable materials – concrete, metal, etc., shall be handled as follows.

- Trees and wood waste, metal, vehicles, appliances and aggregate material (concrete, etc.) may be recycled locally.
- These materials must be cleaned sufficiently of ash and debris at the site to allow safe transportation. Landfill staff may reject loads that appear to be contaminated.
- If recyclable materials cannot be cleaned of ash and debris, they must be handled and disposed of as mixed burned debris.

9. Soil shall be sampled and analyzed to verify that cleanup standards have been met.

- Following removal of all debris and impacted soil from the site, soil samples shall be collected from the impacted structure area. Sample collection shall be performed by a California Professional Geologist or a Registered Civil Engineer. A report of analytical results shall be prepared by this engineering contractor and a copy provided to Mono County Environmental Health.
- Confirmation samples will be collected from the impacted structure area in native soil, at random locations. The selection of the random samples shall be based on a 10 by 10 foot grid overlay of the impacted area with the number of samples to be collected based on the square footage of the area impacted as follows (in square feet):

| | |
|----------------|--------------------------------------------------------------|
| i. <2000 | 2 samples |
| ii. 2001-3000 | 3 samples |
| iii. 3001-4000 | 4 samples |
| iv. >4000 | 1 sample per 1000 additional square feet or fraction thereof |
- Samples are to be analyzed by a California State Certified Laboratory for *heavy metals (California Assessment Manual (CAM) 17 metals TTLC procedures, EPA Method 6010B)*.
- Samples must meet a cleanup standard of no more than two times the background level for heavy metals, as established by the CalRecycle Debris Removal Operations Plan for background assessments.
- If soil sample analyses indicate that cleanup goals have not been achieved, then additional excavation and sampling may be required.



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Please note that a “clean lot certification” is part of the CalRecycle debris removal process and is specific to CalRecycle protocol. Mono County will not issue such a certification. However, the engineering contractor shall provide a final report and a statement that the debris removal performed meets the cleanup standard of no more than two times the background level for heavy metals, or as otherwise approved on a case by case basis by Mono County Environmental Health.

For additional assistance, or if you have any questions regarding this document or the Round fire debris removal and disposal program, please call Mono County Environmental Health at 760-924-1830.